

English Translation of the Office Action

PCTG-2090

Dispatch No. : 580118

Dispatch Date: September 30, 2008

NOTIFICATION OF REASONS FOR REJECTION

Patent Application No. : 2003-580396

Drafting Date : September 24, 2008

Examiner of the JPO : Ayumi Takesada

Agent of Applicant : Hajime Tsukuni, Esq. (and another)

Applied Article(s) : Articles 29(1), 29(2) and 36

This application should be rejected for the reason(s) mentioned below. If the applicant has any argument against the reason(s), an Argument should be submitted within 3 months from the date on which this notification was dispatched.

REASON(S).

1. The invention(s) according to the below-mentioned claim(s) of this application cannot be granted a patent under the provisions of Article 29(1)(iii) of the Patent Law, because it is the invention(s) described in the below-mentioned distributed publication(s) or those made available for public use through electric telecommunication lines in Japan or foreign countries prior to the filing of this application.

2. The invention(s) according to the below-mentioned claim(s) of this application cannot be granted a patent under the provisions of Article 29(2) of the Patent Law, because it(they) could have easily been accomplished prior to the filing of this application by a person having common knowledge in the technical field to which the invention belongs, on the basis of the invention(s) described in the below-mentioned distributed publication(s) or those made available for public use through electric telecommunication lines in Japan or foreign countries prior to the filing of this application.

3. The definitions in the claims of this application

fail to meet the requirements provided in Article 36(6)(ii) of the Patent Law with respect to the point(s) indicated below.

REMARKS (As for the cited references, etc.,
see the List of Cited References, etc.)

[Regarding Reasons 1, 2]]

- Claims 1 - 9
- Cited references 1 - 5
- Note:

See particularly Claims 1 - 4 and Paragraphs [0021] - [0030], [0032], [0062], [0063], [0096], and [0162] of Cited Reference 1.

See particularly Claims 1 - 7, line 17, page 7 - line 7, page 8, lines 13 - 17, line 21, page 9 - line 18, page 10, and lines 2 - 20, page 11 of Cited Reference 2.

See particularly Claim 1 and Paragraphs [0012], [0013], [0020], [0035], and [0057] - [0058] of Cited Reference 3.

Though Cited Reference 3 does not describe the molecular weight of an unsaturated polymer compound, the molecular weight of a polymer compound is something that a person skilled in the art would condition according to the use, etc. Therefore, a person skilled in the art would easily done to make the molecular weight in the invention disclosed in the said reference be the scope according to the present Claims 6 and 7.

See particularly Claims 1 - 7 and Paragraphs [0018] - [0020], [0022], and [0037] of Cited Reference 4.

See particularly Claim 3 and Paragraphs [0014], [0018], [0035], [0041], [0047], [0049], [0050], and [0064] - [0069] of Cited Reference 5.

- Claims 10 - 13, 15, 16
- Cited references 1, 3
- Note:

-Further, see Paragraphs [0092], [0102] - [0103], [0140] - [0150], and [0167] - [0170] of Cited Reference 1.

Though the thickness of a photopolymerizing layer is not clearly stated in Cited Reference 1, it is recognized in view of the amount of application to be the thickness according to Claims 15, 16 of the present application.

Further, see Paragraphs [0063] - [0065] of Cited Reference 3.

[Regarding Reason 2]

- Claims 10 - 13, 15, 16
- Cited references 2, 4, 5
- Note

Further, see lines 8 - 12, page 8 and line 18, page 8 - line 1, page 9 of Cited Reference 2.

Further, see Paragraphs [0038] - [0040] of Cited Reference 4.

Further, Paragraph [0053] of Cited Reference 5.
Though thermopolymerization inhibitor is not disclosed in Cited References 2, 4, and 5, formulating a thermopolymerization inhibitor to a photopolymerizing composition is a technical matter widely known by persons skilled in the art. Therefore, the act of appropriately formulating a thermopolymerization inhibitor in the photopolymerizing composition disclosed in Cited References 2, 4, and 5 is such that it can be easily accomplished by any person skilled in the art.

Further, the effect thereby cannot be recognized as prominent.

The inventions set forth in Claims 10 - 13, 15, and 16 of the present application, therefore, are such that they could have been easily accomplished by any person skilled in the art based on the inventions disclosed in Cited Reference 2, 4, or 5.

- Claim 14
- Cited references 1 - 6
- Note:

Since applying a photopolymerizing composition by the ink jet method to a substrate was publicly known at the time of filing the present application as disclosed in Cited Reference 6 (Claim 1 and Paragraphs [0007] and [0011]), the attempt to use the ink jet method in applying the photopolymerizing composition disclosed in Cited References 1 - 5 to a substrate could have been easily conceived by any person skilled in the art.

Then, the effect thereby cannot be recognized as prominent.

The invention set forth in Claim 14 of the present

application, therefore, is such that it could have been easily accomplished by any person skilled in the art based on the inventions disclosed in Cited References 1 - 6.

[Regarding Reason 3]

- (1) As regards the term "molar ratio" mentioned in Claim 1, which molar ratio between what and what is referred to is unclear.
- (2) The word "substantially" used in some Claims makes unclear the scopes indicated by the relevant Claims.

List of Cited References

1. Japanese Laid-open Patent [Kokai] Publication No. Hei 10-097067 (1998)
2. International Publication No. WO01/13175
3. Japanese Laid-open Patent [Kokai] Publication No. Hei 05-341521(1993)
4. Japanese Laid-open Patent [Kokai] Publication No. Hei 10-152536(1998)
5. Japanese Laid-open Patent [Kokai] Publication No. 2000-034319
6. Japanese Laid-open Patent [Kokai] Publication No. Hei 10-126038 (1998)

Record of the result of prior art document search

- Technical field(s) searched
IPC C08F 8/00-8/50
- Prior art documents

This record of the result of prior art document search does not constitute the reason(s) for rejection.

If you have any inquiries about this Notification of Reasons for Rejection or wish to have an interview, please contact the following:

Ayumi Takesada,

Polymer Div.,
Third Patent Examination Dept.
TEL 03(3581)1101 Ext. 3456 FAX. 03(3501)0698